

ITEM	QTY -041	P/N	DESCRIPTION
	X	D5350-041	R66 FWD CROSS BEAM ASSEMBLY
1	2	D2690-11	LANYARD ASSEMBLY
2	2	D3917-3	WASHER
3	1	D5205-1	BRACKET
4	4	D5346-3	BUSHING
5	1	D5350-1	R66 FWD CROSS BEAM
6	1	D5350-5	ADAPTER
7	2	AN3-13A	BOLT
8	1	AN310-4	NUT, CASTELLATED
9	1	AN4-20	BOLT
10	2	MS17984-C412	PIN, QUICK RELEASE
11	2	MS21042L3	NUT, SELF-LOCKING
12	1	MS24665-151	COTTER PIN
13	4	NAS1149D0316J	WASHER
14	2	NAS1149D0416J	WASHER

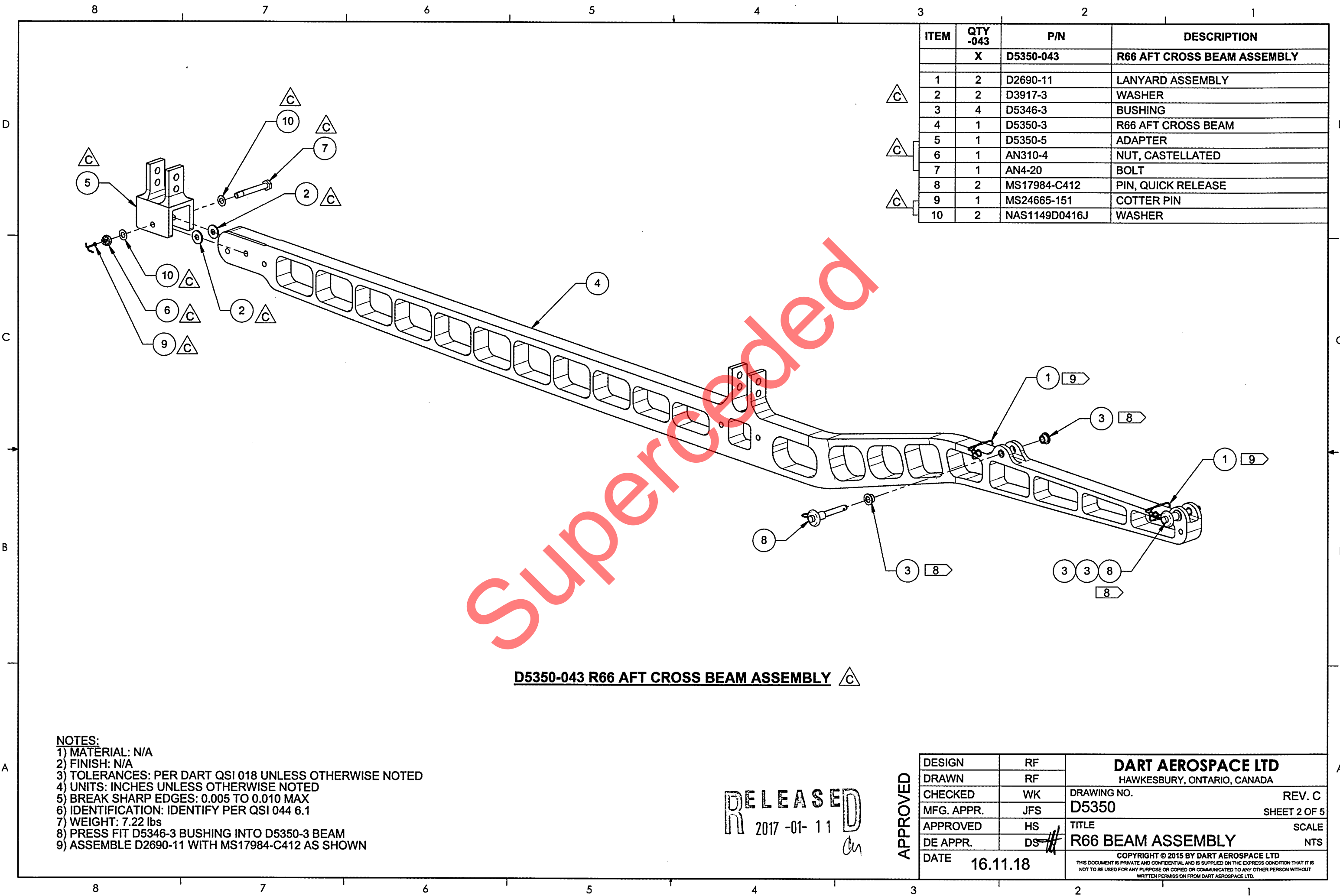
D5350-041 R66 FWD CROSS BEAM ASSEMBLY

- NOTES:
1) MATERIAL: N/A
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
7) WEIGHT: 5.96 lbs
8) PRESS FIT D5346-3 INTO D5350-1
9) TORQUE MS21042L3 NUTS TO 20-25 in-lb (2.3-2.8 N-m)
10) ASSEMBLE D2690-11 WITH MS17984-C412 AS SHOWN

RELEASED
2017-01-11
ECN 17-502

APPROVED

C	REDESIGN -1/-3/-041/-043 (ZN A4-1, A4-2, A4-3, A4-4); ADDED -5 (ZN A4-5) & NOTE 10 & 11 (ZN A8-3, A8-4); REVISE BOM's ZN (D3-1, D3-2)	RF	16.11.18
B	REDESIGN -1/-3/-041/-043 (ZN A4-1, A4-2, A4-3, A4-4)	RF	16.05.24
A	NEW ISSUE	RF	15.08.10
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	WK	DRAWING NO.	REV. C
MFG. APPR.	JFS	D5350	SHEET 1 OF 5
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	R66 BEAM ASSEMBLY	NTS
DATE	16.11.18	COPYRIGHT © 2015 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



ITEM	QTY -043	P/N	DESCRIPTION
	X	D5350-043	R66 AFT CROSS BEAM ASSEMBLY
1	2	D2690-11	LANYARD ASSEMBLY
2	2	D3917-3	WASHER
3	4	D5346-3	BUSHING
4	1	D5350-3	R66 AFT CROSS BEAM
5	1	D5350-5	ADAPTER
6	1	AN310-4	NUT, CASTELLATED
7	1	AN4-20	BOLT
8	2	MS17984-C412	PIN, QUICK RELEASE
9	1	MS24665-151	COTTER PIN
10	2	NAS1149D0416J	WASHER

D5350-043 R66 AFT CROSS BEAM ASSEMBLY

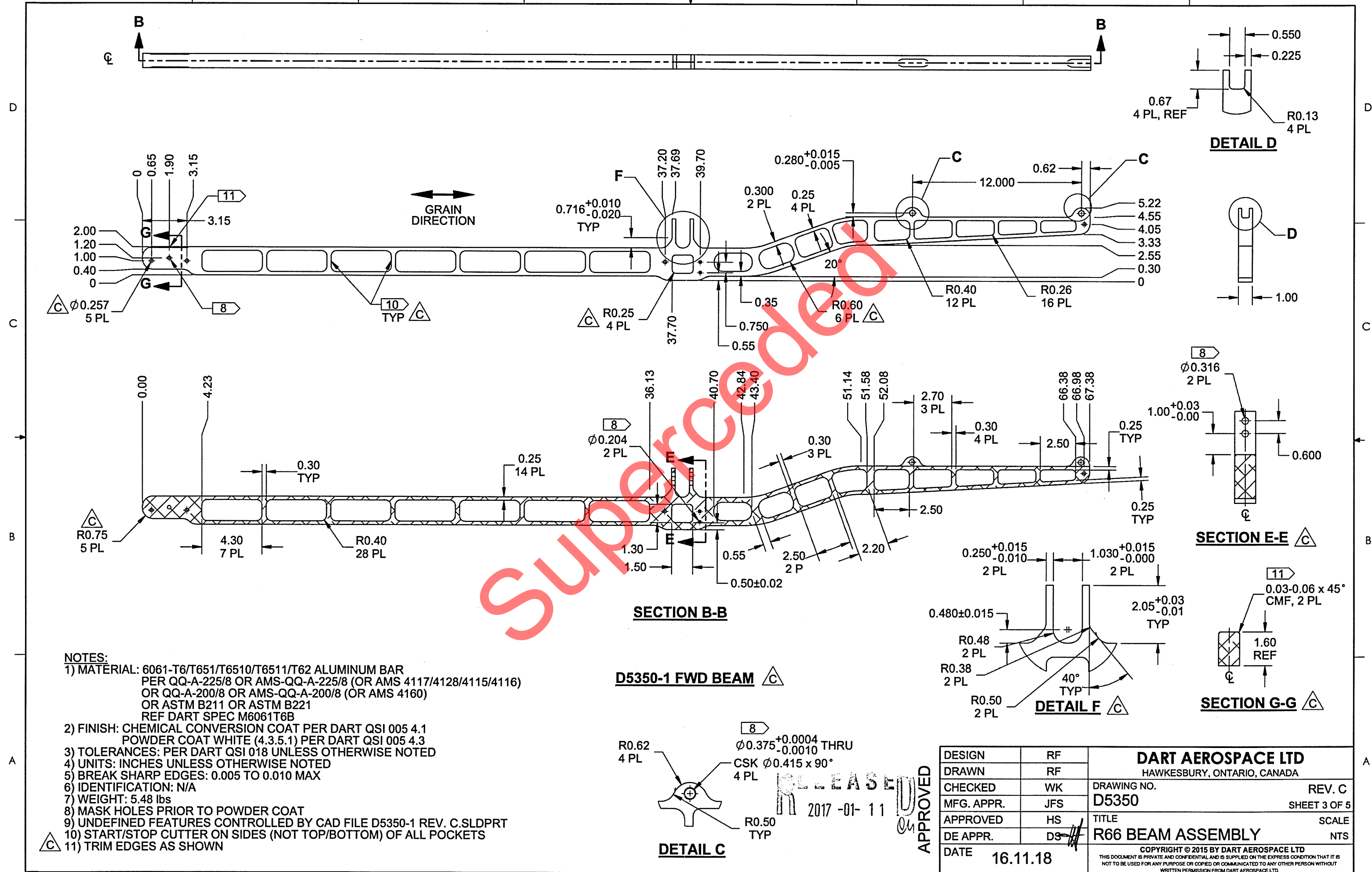
- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
 - 7) WEIGHT: 7.22 lbs
 - 8) PRESS FIT D5346-3 BUSHING INTO D5350-3 BEAM
 - 9) ASSEMBLE D2690-11 WITH MS17984-C412 AS SHOWN

RELEASED
2017-01-11

APPROVED

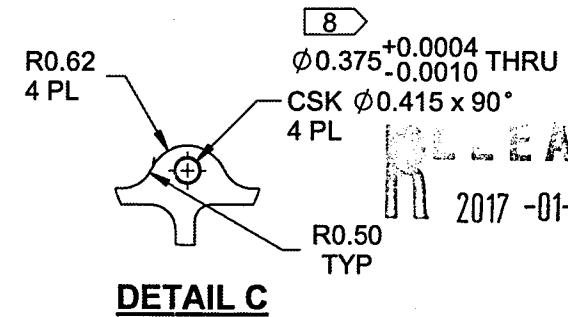
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	WK	DRAWING NO.	REV. C
MFG. APPR.	JFS	D5350	SHEET 2 OF 5
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	R66 BEAM ASSEMBLY	NTS
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8 7 6 5 4 3 2 1



- NOTES:
- 1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
PER QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221
REF DART SPEC M6061T6B
 - 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: N/A
 - 7) WEIGHT: 5.48 lbs
 - 8) MASK HOLES PRIOR TO POWDER COAT
 - 9) UNDEFINED FEATURES CONTROLLED BY CAD FILE D5350-1 REV. C.SLDPR
 - 10) START/STOP CUTTER ON SIDES (NOT TOP/BOTTOM) OF ALL POCKETS
 - 11) TRIM EDGES AS SHOWN

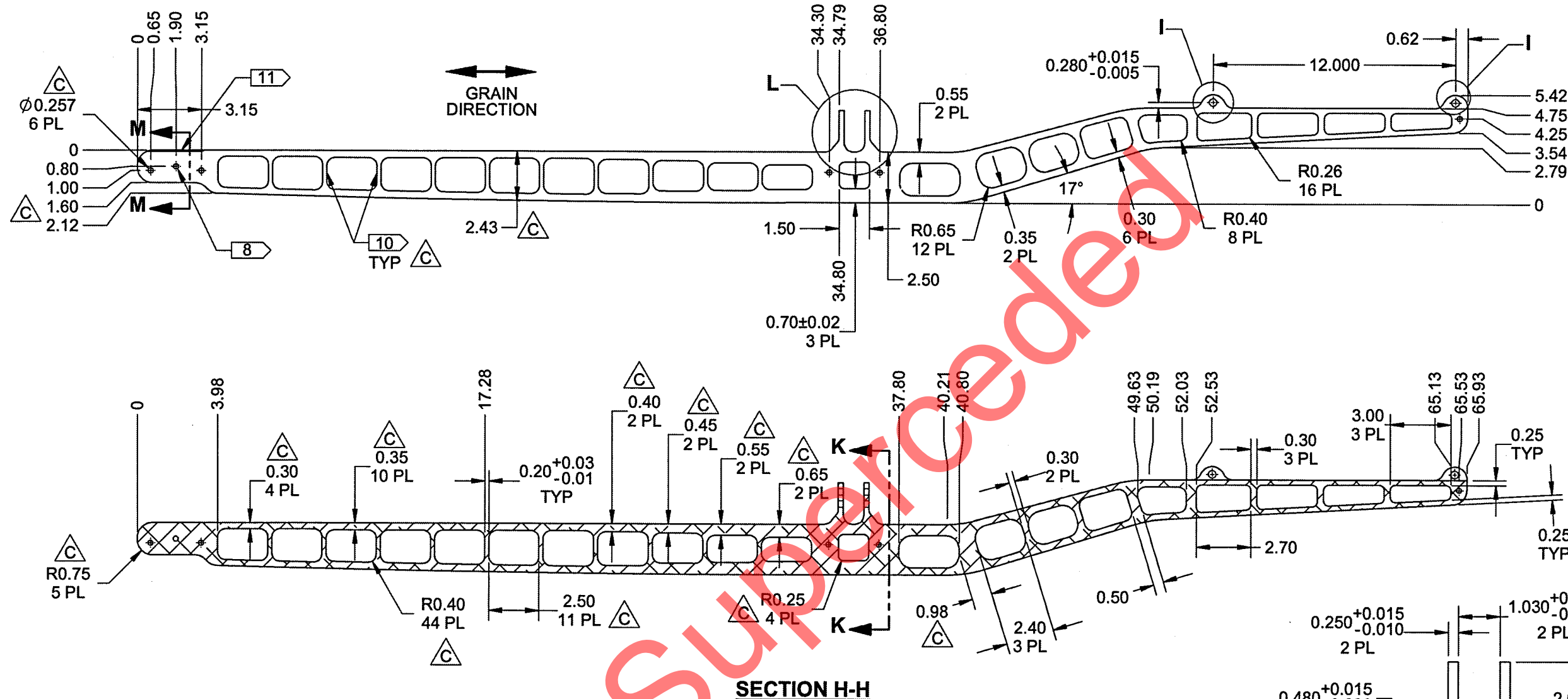
D5350-1 FWD BEAM



APPROVED

DESIGN	RF
DRAWN	RF
CHECKED	WK
MFG. APPR.	JFS
APPROVED	HS
DE APPR.	DS
DATE	16.11.18

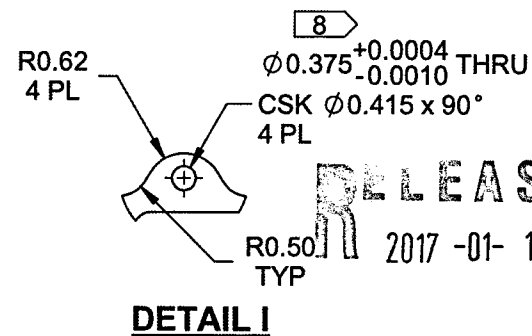
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. D5350	REV. C SHEET 3 OF 5
TITLE R66 BEAM ASSEMBLY	SCALE NTS
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NOTES:

- 1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
PER QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221
REF DART SPEC M6061T6B
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 6.83 lbs
- 8) MASK HOLES PRIOR TO POWDER COAT
- 9) UNDEFINED FEATURES CONTROLLED BY CAD FILE D5350-3 REV. C.SLDPRIT
- 10) START/STOP CUTTER ON SIDES (NOT TOP/BOTTOM) OF ALL POCKETS
- 11) TRIM EDGES AS SHOWN

D5350-3 AFT BEAM



DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	WK	DRAWING NO. D5350	REV. C
MFG. APPR.	JFS	SHEET 4 OF 5	
APPROVED	HS	TITLE R66 BEAM ASSEMBLY	SCALE NTS
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DATE	16.11.18		

